

SAGAR BHILAWADE

QA AUTOMATION ENGINEER

PUNE, MAHARASHTRA

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PROFESSIONAL SUMMARY

Detail-oriented QA Engineer with over **2.5 years** of experience in both **manual and automation testing**. Skilled in building scalable **Selenium frameworks** using **Java** and **RestAssured** for API automation, achieving **90% regression test coverage** and reducing manual efforts by **60%**. Adept in **functional, regression, smoke, UI/UX, integration, and API testing**. Proficient in tools like **TestNG, Maven, Jenkins, Log4j, Oracle, Apache Hive**, and **Selenium Grid**, with hands-on experience in **CI/CD pipelines**, cross-browser testing, and collaborative agile development.

Technical Skills

Programming Languages: Java, Python, SQL
Automation Testing Tools: Selenium WebDriver, TestNG, JUnit, RestAssured, Cucumber, Gauge, Apache POI
Manual Testing Skills: Functional Testing, Regression Testing, Smoke/Sanity Testing, UI/UX Testing, Cross-browser Testing, API Testing (using Postman), Swagger
Test Management & Defect Tracking: Jira, TestRail, Azure DevOps
Reporting & Logging Tools: Extent Reports, Allure, Log4j
Build & CI/CD Tools: Maven, Gradle, Jenkins, Git, GitHub, GitLab
Databases: Oracle, MySQL, Apache Hive, SQLite
Cloud & Containerization: Azure, Docker
IDEs: IntelliJ IDEA, Eclipse, Visual Studio Code

Experience

NielsenIQ	November 2022 – Present
<i>QA Engineer (Manual + Automation)</i> <i>Pune, Maharashtra</i>	
<ul style="list-style-type: none">Built scalable Selenium frameworks (Data-Driven, POM, Hybrid) in Java for UI and RestAssured for API automation, reducing manual testing by 60%.Automated 300+ test cases across 5 modules in CIP-PLUTO-AUTOMATION, achieving 90% regression coverage.Integrated with TestNG, Maven, Jenkins, reducing feedback cycles by 70% through efficient CI/CD pipelines.Executed cross-browser testing using Selenium Grid and Sauce Labs.Performed in-depth Manual Testing including functional, regression, UI/UX, and smoke testing.Created detailed test plans, test cases, and traceability matrices.Conducted API testing using Postman and RestAssured, validating with Oracle and Apache Hive.Used Jira for defect tracking, collaborating closely with developers.Generated HTML, Extent reports, and used Log4j for debugging.Collaborated with DevOps teams to resolve build failures and optimize pipelines.	

Automation Projects

ECLIPSE GUI Regression Suite <i>Selenium, Java, TestNG, Maven, Jenkins, Gauge</i>	2024 – Present
<ul style="list-style-type: none">Developed a robust GUI automation framework covering 50+ screens of the legacy ECLIPSE platform.Achieved 80% automation coverage, reducing manual testing efforts significantly.Integrated with Jenkins for CI/CD and used Extent Reports for detailed HTML reporting.Implemented Gauge for BDD-style tests, enabling clear and readable test specifications.Leveraged Gauge’s parallel execution capabilities to optimize test execution time.	
ECLIPSE Data Regression <i>Python, Pandas, SQLite, Calcifer</i>	2024 jun – 2025 feb
<ul style="list-style-type: none">Automated comparison of legacy vs. modern platform data using custom Python scripts.Built a robust pipeline for data extraction, transformation, and regression analysis.Used Calcifer tool to assist in automated validation across large datasets.	

Education

Sunbeam Institute of Technology <i>Post Graduation Diploma in Advanced Computing - 85.50%</i>	March 2022 – Oct. 2022 <i>Pune, Maharashtra</i>
Sanjay Ghodawat University <i>Bachelor of Technology - 76.76%</i>	July 2017 – May 2021 <i>Kolhapur, Maharashtra</i>

Certificates and Achievements

- **Career Essentials in Software Development** | Microsoft – June 2024
- **Career Essentials in GitHub Professional** | GitHub – October 2024
- **Quarterly Award Recipient (2x)** | NielsenIQ – Recognized for outstanding contributions